



1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product: *Chlorella* paste: standard, organic, and fermented versions

1.2. Relevant identified uses of the substance or mixture and uses advised against

For usage in food, feed, pharmaceutical or cosmetic products as an ingredient.

1.3. Details of the supplier of the safety data sheet

Producer and Supplier of the safety data sheet

Name: Alver World SA

Address: Rte de la Petite Glâne 20,
1566 Saint-Aubin

Country: Switzerland

Telephone number: +41 79 760 28 98

E-mail: contact@alver.ch

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) n° 1272/2008 – not applicable

2.2. Label Elements

2.2.1. Classification in accordance with regulation (EC) n° 1272/2008

Danger pictogram: not applicable

Danger phrases: not applicable

Safety instructions: not applicable

2.2.2. Other Dangers

Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product: 100% *Chlorella* paste

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: in case of doubt or presence of symptoms consult a doctor



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4.2. Most important symptoms and effects, both acute and delayed

Not available

4.3. Indication of any immediate medical attention and special treatment needed

Not available

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

The product is non-combustible. Extinguishing measures should take the premises into account
No restrictions on extinguishing media allowed

5.2. Special hazards arising from the substance or mixture

Not applicable

5.3. Advice for firefighters

Not applicable

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable

6.2. Environmental precautions

Do not spill in aquatic environment

6.3. Methods and material for containment and clean up

Not applicable

6.4. Reference to other sections

Not applicable

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Not applicable

7.2. Conditions for safe storage, including any incompatibilities

Store at frozen temperatures (<-12°C)

Keep containers closed

No special measures required

7.3. Specific end use(s)

Not applicable



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Does not contain substances for which an exposure limit is known

8.2. Exposure controls

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- a) Physical state: solid (paste)
- b) Colour: green / yellow / white
- c) Odour: characteristic
- d) Melting point / freezing point: 0°C
- e) Initial boiling point and boiling range: not available
- f) Flammability: not available
- g) Upper / lower flammability or explosive limits: not applicable
- h) Flash point: not applicable
- i) Auto-ignition temperature: not applicable
- j) Decomposition temperature: not applicable
- k) pH: 7
- l) Kinematic viscosity: not applicable
- m) Solubility: soluble in water
- n) Partition coefficient: n-octan / water: not available
- o) Vapor pressure: not applicable
- p) Density and/or relative density: not available
- q) Vapor density: not applicable
- r) Particle characteristics: particles under 100µm

9.2. Other information

Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity

Product not reactive

10.2. Chemical stability

Product is chemically stable

10.3. Possibility of hazardous reactions

Not relevant



UPDATED: 02-MAY-2022

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10.4. Conditions to avoid

Not applicable

10.5. Incompatible materials

No incompatibilities identified

10.6. Hazardous decomposition products

Not applicable

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

- a) Acute toxicity: not available
- b) Skin corrosion / irritation: product not irritable
- c) Serious eye damage/irritation: product not irritable
- d) Respiratory or skin sensitization: product not irritable
- e) Germ cell mutagenicity: there are no indications of mutagenic effects in humans
- f) Carcinogenicity: there are no indications of carcinogenic effects in humans
- g) Reproductive toxicity: there are no indications of reproductive toxic effects in humans
- h) STOT-single exposure: no available data
- i) STOT-repeated exposure: no available data
- j) Aspiration hazard: no available data

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Not available

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

Not available

12.6. Endocrine disrupting properties

Not available

12.7. Other adverse effects

Not available



13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- a) Product disposal: as food waste or urban solid waste
- b) Packaging disposal: recycling

14. TRANSPORT INFORMATION

No special considerations required

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Not applicable

15.2. Chemical safety assessment

Not available

16. OTHER INFORMATIONS

The information given in this material safety data sheet is based on current knowledge.
If the product is mixed or prepared with other products, the information given in the safety data sheet may not be applicable to new product.
This MSDS was updated according to Regulation 2020/878 of 18 June 2020.